

10/019791

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: RTSP-0243

Inventors: Monia et al.

Serial No.: Not Yet Assigned

Filing Date: Herewith

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Title: Antisense Modulation of FADD Expression

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Date of Deposit: January 4, 2002

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

By Jaffe Massey Licata
Typed Name: Jaffe Massey Licata, Reg. No. 32,257

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

- () In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
 - () Certification in Accordance with §1.97(e) is set forth below; or
 - () The fee of \$180.00 as set forth in §1.17(p) is attached.
- () In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(i)(1).
- () Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.
- (XX)** In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified)

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are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/357,072, filed July 19, 1999, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

- () The relevance of the listed references in a foreign language is as stated in the specification at pages @@.
- (XX)** All listed references are in the English language.

Respectfully submitted,

Jane Massey Licata

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Date: January 4, 2002

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|-----------------------------------------------------------------------------------------------|--|--------------|------------------|
| Form PTO-1449 Modified | | Docket No. | Serial No. |
| | | RTSP-0243 | Not Yet Assigned |
| List of Patents and Publications Cited by Application (Use several sheets if necessary) | | Applicant | |
| U.S. Department of Commerce Patent and Trademark Office | | Monia et al. | |
| | | Filing Date | Group |
| | | Herewith | Not Yet Assigned |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AA | Chinnaiyan et al., FADD, a novel death domain-containing protein, interacts with the death domain of Fas and initiates apoptosis, Cell, 1995, 81:505-512 |
| AB | Chinnaiyan et al., FADD/MORT1 is a common mediator of CD95 (Fas/APO-1) and tumor necrosis factor receptor-induced apoptosis, J. Biol. Chem., 1996, 271:4961-4965 |
| AC | Choi et al., Lipopolysaccharide mediates endothelial apoptosis by a FADD-dependent pathway, J. Biol. Chem., 1998, 273:20185-20188 |
| AD | Herr et al., Activation of CD95 (APO-1/Fas) signaling by ceramide mediates cancer therapy-induced apoptosis, Embo J., 1997, 16:6200-6208 |
| AE | Kondo et al., FADD gene therapy for malignant gliomas in vitro and in vivo [In Process Citation], Hum. Gene Ther., 1998, 9:1599-1608 |
| AF | Newton et al., A dominant interfering mutant of FADD/MORT1 enhances deletion of autoreactive thymocytes and inhibits proliferation of mature T lymphocytes, Embo J., 1998, 17:706-718 |
| AG | Schwandner et al., TNF receptor death domain-associated proteins TRADD and FADD signal activation of acid sphingomyelinase, J. Biol. Chem., 1998, 273:5916-5922 |
| AH | Thompson, Apoptosis in the pathogenesis and treatment of disease, Science, 1995, 267:1456-1462 |
| AI | Walsh et al., A role for FADD in T cell activation and development, Immunity, 1998, 8:439-449 |
| AJ | Yeh et al., FADD: essential for embryo development and signaling from some, but not all, inducers of apoptosis, Science, 1998, 279:1954-1958 |
| AK | Zhang et al., Fas-mediated apoptosis and activation-induced T-cell proliferation are defective in mice lacking FADD/Mort1, Nature, 1998, 392:296-300 |

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|---------------------------------------------------------------------------------------------|--|----------------------------------|---------------------------------------|
| Form PTO-1449 Modified | | Docket No. RTSP-0243 | Serial No. Not Yet Assigned |
| List of Patents and Publications Cited by Applicant (Use several sheets if necessary) | | Applicant Monia et al. | |
| U.S. Department of Commerce | | Filing Date Herewith | Group Not Yet Assigned |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | AL | Micheau et al., "Fas Ligand-independent, FADD-mediated Activation of the Fas Death Pathway by Anticancer Drugs", <i>J. of Biological Chemistry</i> 1999 274:7987-7992 |
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